PREdistribuce, a.s.
Automated Model Creation
# Digital Twin – Automated Model Creation

**PREdistribuce, a.s. – Czech Republic (DSO)**

## Initial Situation

- Grid planning requires current accurate grid model
- Needed implementation of software for long-term network planning including import interface from Geographic Information system (GIS), SCADA and SAP

## Solution

- Automated grid model creation and customized synchronization with external systems

**Siemens PTI Portfolio:**

- PSS®SINCAL licenses, product customizations, installation / delivery services, training, on-going support and maintenance

## Customer Benefits

- Automated creation and enhancement of grid model from GIS and SAP systems
- Import of measurement data and switching states from Spectrum Power 4 SCADA systems
- Significant time saving and improved grid model quality

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**Service Territory:** Prague, Czech Republic  
**Ownership:** Public (State-Owned)
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Automated grid model creation and synchronization with external systems

Geographic grid model in PSS®SINCAL planning software